

Title (en)  
SINTERED BEARING

Title (de)  
GESINTERTES LAGER

Title (fr)  
PALIER FRITTÉ

Publication  
**EP 3358206 B1 20191204 (EN)**

Application  
**EP 18163471 A 20130307**

Priority  
• JP 2012050896 A 20120307  
• EP 13758232 A 20130307  
• JP 2013056315 W 20130307

Abstract (en)  
[origin: EP2824340A1] Provided is a sintered bearing (1) including an inner layer (2) and an outer layer (3) formed by integral molding, the sintered bearing (1) having a bearing surface (A) formed on an inner peripheral surface (2a) of an inner layer (2). The inner layer (2) is made of sintered metal containing Fe and a hardness increasing element (such as Ni or Mo). The outer layer (3) is made of sintered metal containing Fe and no hardness increasing element. A concentration gradient of the hardness increasing element is present at an interface between the inner layer (2) and the outer layer (3).

IPC 8 full level  
**F16C 33/12** (2006.01); **B22F 5/10** (2006.01); **F16C 33/10** (2006.01); **F16C 33/14** (2006.01); **B22F 7/06** (2006.01)

CPC (source: EP)  
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Citation (examination)  
GB 577198 A 19460508 - MALLORY METALLURG PROD LTD

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DOCDB simple family (publication)  
**EP 2824340 A1 20150114**; **EP 2824340 A4 20160316**; **EP 2824340 B1 20180620**; EP 3358206 A1 20180808; EP 3358206 B1 20191204; JP 2017172803 A 20170928; JP 2018162519 A 20181018; JP 2019173177 A 20191010; JP 6337173 B2 20180606; JP 6530839 B2 20190612; JP 6788071 B2 20201118

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**EP 13758232 A 20130307**; EP 18163471 A 20130307; JP 2017074338 A 20170404; JP 2018089234 A 20180507; JP 2019093710 A 20190517